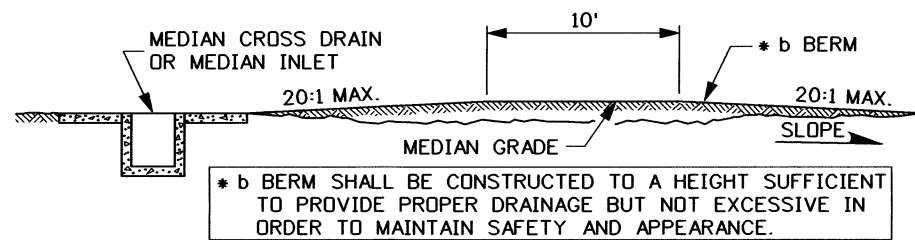
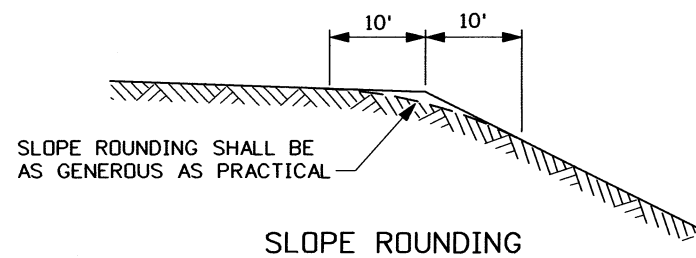


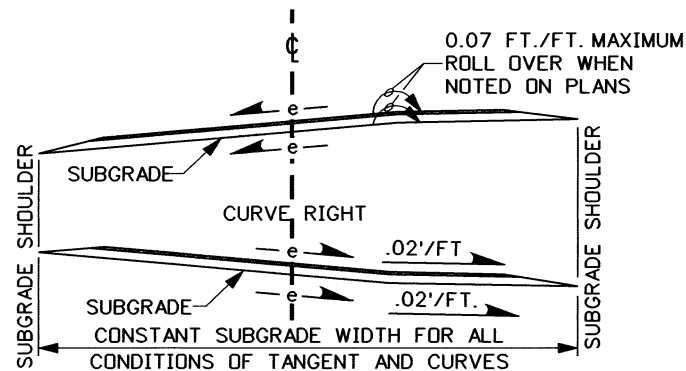
GUIDE FOR DETERMINING UNIFORM WIDTH



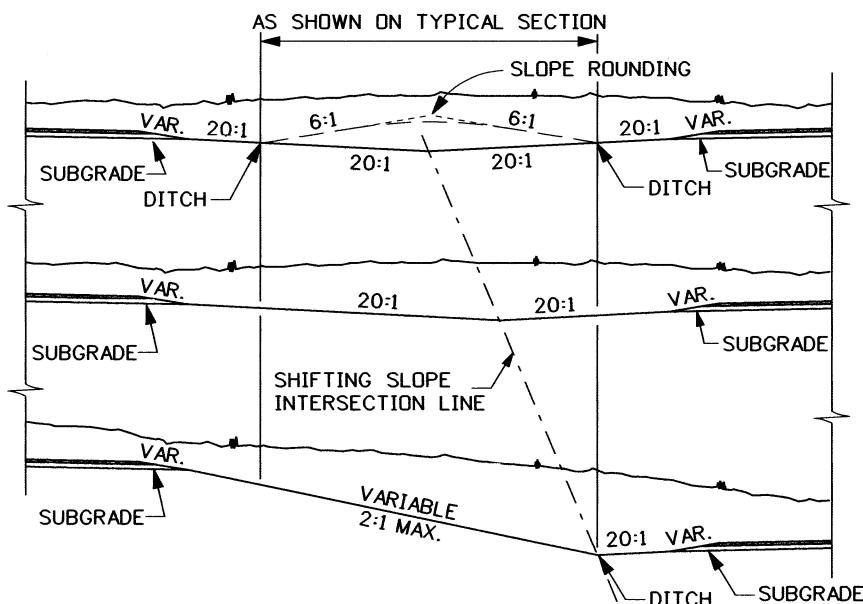
MEDIAN BERM SECTION



SLOPE ROUNDING

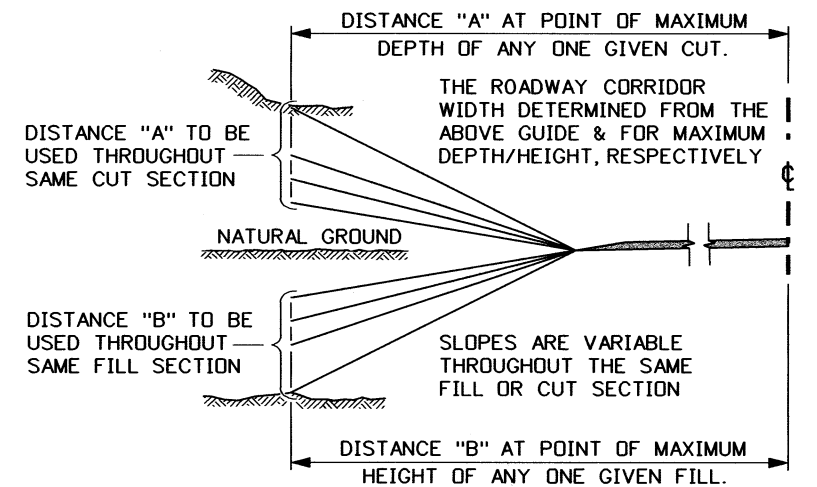


SUPERELEVATION - FOUR LANE



SHIFTING SLOPE MEDIAN GRADING

MEDIAN SLOPE CRITERIA	
WHERE MEDIANS ARE 100' OR LESS IN WIDTH USE A 20:1 SLOPE ON EACH ROADWAY UNTIL THE HEIGHT OF UPPER ROADWAY CAUSES THE SLOPES TO INTERSECT AT A MINIMUM DITCH DEPTH ON THE LOWER ROADWAY.	
WHEN THE UPPER AND LOWER GRADE ELEVATIONS OF SEPARATE ROADWAYS BECOMES TOO GREAT TO USE A 20:1 MEDIAN SLOPE USE A VARIABLE SLOPE TO A MAX. OF 2:1 SLOPE. MAINTAIN THE MINIMUM DITCH OF THE LOWER ROADWAY.	
FOR MEDIANS OVER 100' IN WIDTH USE STANDARD INTERSTATE SLOPES. TREAT EACH ROADWAY AS A SEPARATE ROADWAY.	



SLOPE CONSTRUCTION - UNIFORM WIDTH METHOD

NOTES

1. CUT AND FILL SLOPES IN DIFFICULT TERRAIN OR WHERE UNSTABLE SOIL EXIST MAY REQUIRE SPECIAL CONSIDERATION. REFER TO IDAHO TRANSPORTATION DEPARTMENT'S BMP MANUAL.
2. SLOPE ROUNDING SHALL CONSIST OF TWO 10' MINIMUM CHORDS OR AN EQUAL ROUNDED SURFACE.
3. ROADWAY ROLL OVER IS NOT TO BE USED UNLESS NOTED ON PLANS.
4. ROADSIDE SLOPE TREATMENT SHALL BE DONE AS SHOWN ON STANDARD DRAWING A-6 AND/OR AS DIRECTED ON THE PLANS.
5. AS STANDARD DESIGN PROCEDURE ALL SLOPES MUST BE CHECKED TO DETERMINE IF THERE IS A GUARDRAIL WARRANT BASED ON HEIGHT AND STEEPNESS OF SLOPE.
6. WHEN THE USE OF GUARDRAIL IS WARRANTED, WIDEN SHOULDER AREAS AS SHOWN ON STANDARD DRAWING G-1-A-1.
7. THE UNIFORM WIDTH METHOD FOR SLOPE CONSTRUCTION SHALL BE USED ON ITD ROADWAY PLANS WHEN PRACTICAL.
8. NOT TO SCALE.

REVISIONS									
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY	
1	2-69		6	3-90	GB	11	5-07	MSM	
2	7-70		7	12-94	MSM				
3	1-73		8	2-00	MSM				
4	2-83		9	2-03	MSM				
5	3-87	GB	10	6-05	MSM				

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
a1_0507.std

DRWG. ORIG. DATE:
APRIL, 1961

IDAHO
TRANSPORTATION
DEPARTMENT

BOISE IDAHO



P. D. Thomas
ASSISTANT CHIEF ENGINEER (DEVELOPMENT)

Steve C. Hutchinson
CHIEF ENGINEER

STANDARD DRAWING

FREEWAY GRADING

English

STANDARD DRWG. NO.

A-1

SHEET 1 OF 1

